

ABSTRACT

A decoding method and coding method of moving image signal, and a decoding apparatus and coding apparatus using the same, provides for coding or decoding at least two or more motion vectors, relating to the present processing pixel block, compensating the motion of the coded frame corresponding to each motion vector, generating two or more predicted images relating to the present processing image block, and selecting the predicted image for use in reconstruction of the present processing pixel block depending on presence or absence of decoding error contained in these two or more predicted images.

Accordingly, if a decoding error occurs due to bit error in the bit stream, propagation of picture quality deterioration in time can be suppressed, so that excellent decoding of digital moving image signal is realized.